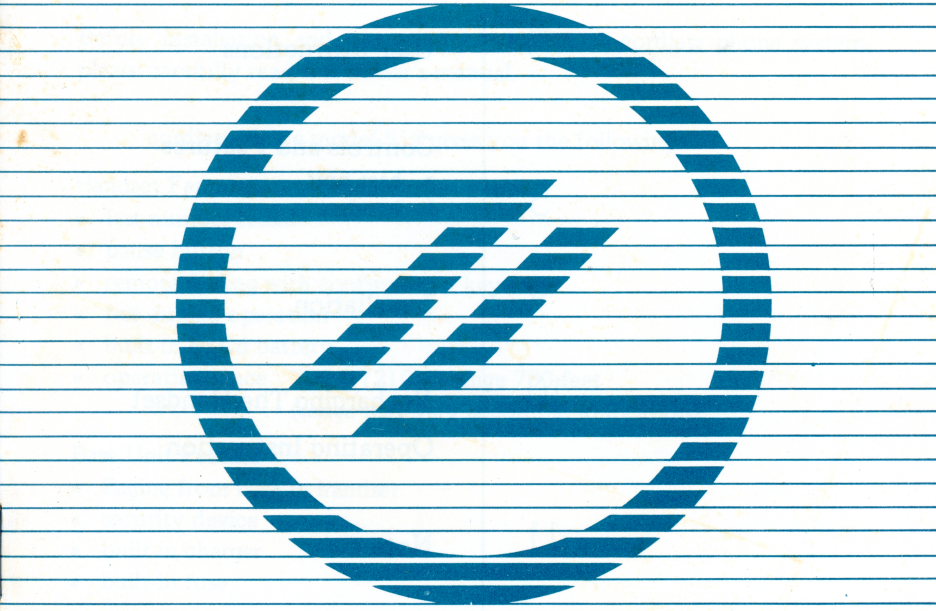
OWNER'S MANUAL



CORDLESS TELEPHONE SET

ZETA PHONE MODEL 510

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GENERAL INFORMATION

Thanks for selecting the ZETA cordless phone model 510. The ZETA cordless phone is the latest in technological development of cordless telephone. It is all solid state, with modern circuit design and high reliability components.

Upon a simple 'plug-in installation', you will enjoy many years of convenience and dependability.

Before installation and operation of the ZETA cordless phone system, please carefully read this owner's manual.

cordless phone model 510 gives you the following:

Handset Features

- last number redial
- pause button
- remote dialing with confirmation key-tone
- full duplex operation
- built-in Ni-Cd battery
- operating range : 700 ft (210m) range 700 feet
  (range may vary according to location)

Base Unit Feature

- Paging from base to handset
- security device
- built-in charger
- built-in fuse

USER INSTRUCTIONS

This device has been granted a registration number by the Federal Communications Commission, under part 68 and part 15 rules and regulations for direct connection to the telephone lines. In order to comply with these FCC rules, the following instructions must be carefully read and applicable portions followed completely:

1. Direct connection to the telephone lines may be made only through the standard plug-ended cord furnished to the utility-installed jack. No connection may be made to party or coin phone lines. Prior to connecing the device to the telephone lines, you must:

2. Call your telephone company and inform them you have an FCC registered device you desire to connect to their telephone lines. Give them the number(s) of the lines(s) to be used, the make and model of the device, the FCC registration number and ringer equivalence. This information will be found on the device and as listed herebelow.

3. After the telephone company has been advised of the above you may connect your device if the jack is available, or after the telephone company has made the installation.

4. Repairs to the device may be made only by the manufacturer or his authorized service agency. This applies at any time during and after warranty. If such unauthorized repair is performed, registration, connection to the telephone lines and remainder of warranty period all become null and void.

5. If, through abnormal circumstances, harm to the telephone lines is caused, it should be unplugged until it can be determined if your device or the telephone line is the source. If your device is the source, it should not be reconnected until necessary repairs are effected.

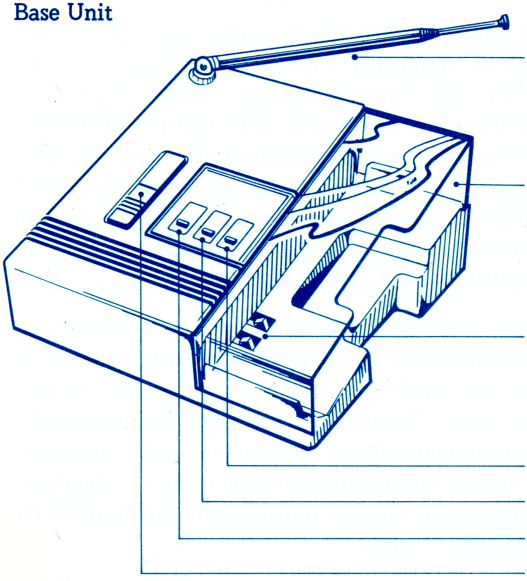
6. Should the telephone company notify you that your device is causing harm, the device should be unplugged. The telephone company will, where practicable, notify you, that temporary discontinuance of service may be required. However, where prior notice is not practicable, the telephone company may temporarily discontinue service. If such action is reasonably necessary, in such the telephone company must (A) promptly notify you of such temporary discontinuance, (B) afford you the opportunity to correct the condition and (C) inform you of your rights to bring a complaint to the FCC under their rules.

7. The telephone company may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required in the operation of its business and is not inconsistent with FCC rules. If such changes can be reasonably expected to render any customer's device incompatable with telephone company facilities, or require modification or alteration, or otherwise materially affect its performance, written notification must be given to the user, to allow uninterrupted service.

1. FCC Registration No.:
   CLH 77V-70331-WT-E
   Complies With FCC Rules
   Part 68.
2. FCC ID Code:
   CLH 77V 510B
   CLH 77V 510
   Complies With FCC Rules
   Part 15.
3. Ringer Equivalence: 1.2B

CONTROLS & FEATURES

Base Unit



(1) telescopic antenna

(2) handset charge/ security receptacle

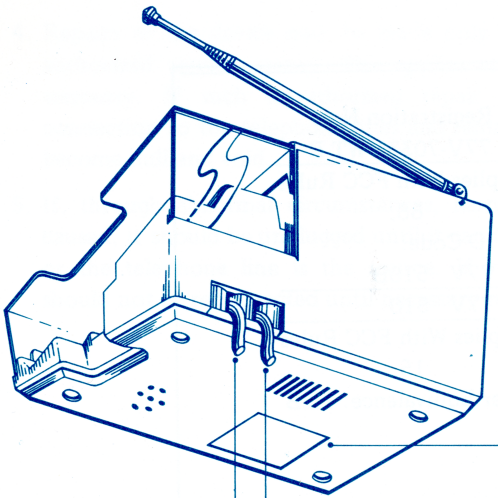
(3) charge contact plates

(4) charge/security light

(5) telephone in-use/call indicator

(6) power-on indicator

(7) call/page switch



(8) data plate

(9) telephone line cable

(10) A/C power cord

(1) Telescopic Antenna

For maximum range, the telescopic antenna must be fully extended in a vertical position at all times when the system is being used.

(2) Handset Charge/Security Receptacle

When the handset is inserted in the charge/security receptacle, it serves two functions:

- to recharge the Ni-Cad batteries in the handset. Auto-level recharging system is built-in to prevent over-charge of batteries.
- to cut off radio receiving part of base unit, thus preventing unauthorized access to your telephone line by any other cordless phone or radio equipment.

In replacing the handset in the receptacle, ensure that it is fully inserted and the 'Charge-Security' light comes on.

(3) Charge Contact Plates

The contact plates are for recharging of handset and triggering of security device. DO NOT tamper the contact plate with alien devices.

(4) Charge/Security Light

When the handset is properly replaced in the receptacle, the "charge/security" light will light up.

(5) Telephone In-Use/Call Indicator

When the handset is in-use (in "talk" mode), the indicator will light up. The indicator will also light up when the "call/page" switch is pressed.

(6) Power-On Indicator

When the A/C power cord of base is plugged in properly to power the base unit, the indicator will light up.

(7) Call/Page Switch

Pressing the "Call/Page" switch will trigger a beep tone on the handset. An audible tone as well as lighting up of the "in-use/call" light ensures you that the paging is in function.

With a pre-arranged coding, long and short beeps can carry a message from the base to the person carrying the handset, such as two short beeps – food is ready, one long and one short beep – please return to base unit location.

(8) Data Plate

Model number, serial number and registration number (such as FCC registration no. for USA) are recorded here.

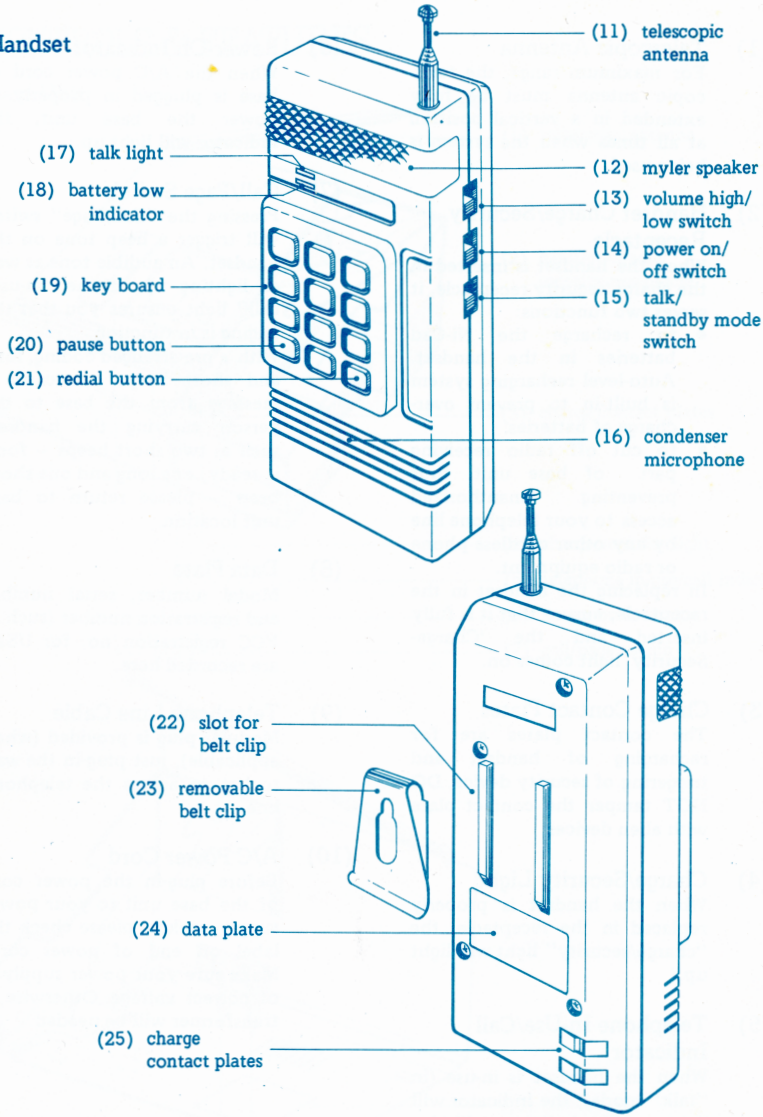
(9) Telephone Line Cable

Modular plug is provided (when applicable), just plug-in the wall socket to access the telephone line.

(10) A/C Power Cord

Before plug-in the power cord of the base unit to your power supply socket, please check the label on end of power cord. Make sure your power supply is of correct voltage. Otherwise, a transformer will be needed.

Handset



(11) Telescopic Antenna

It must be fully extended to obtain maximum communication range.

(12) Myler Speaker

This myler cone speaker is highly durable giving longer life and wider frequency response.

(13) Volume high/low switch
Select the speaker volume to give you the maximum listening comfort. Switch to 'Hi' position in noisy area.

(14) Power on/Off Switch
This is the main "on/off" power switch. Always switch to 'ON' position when the system is installed. Only switch to 'OFF' position when you do not want to be alerted of any incoming call or to conserve battery when you are transporting the ZETA cordless phone system.

(15) Talk/Standby Mode Switch
Always switch to 'Standby' position when you are expecting an incoming call. Switch to 'Talk' position to answer an incoming call or when you want to access the telephone line for an outgoing call. Fully extend the telescopic antenna first before switching from 'Standby' to 'Talk' position.

(16) Condenser Microphone
Direct your speech to the microphone. This high performance condenser microphone does not need to be held close to your mouth.

(17) 'Talk' Light
It lights up when the 'Talk/Standby' switch is in the 'Talk' position. Also, it flashes when you dial.

(18) 'Battery-low' Indicator
It lights up when the batteries condition drops to a level when it has to be recharged.

(19) Key Board
This high-tech keyboard is sensitive and comfortable to use. It is made of reliable silicon conductive rubber and bi-color injection moulded non-fading hard-top. A key-entry tone will also be heard when you dial.

(20) Pause Button (*)
With this pause button, it enables you to use the last number redial feature with a PABX system where you have to dial a number (such as '0', '9' or '1') to access an external line. After dialing the number to access the external line, push the pause (*) button once before dialing your intended number. By doing this, when you use the last number memory redial, the redial will start with numbers after the pause (*) entry.

(21) Redial Button (#)
When a repeat redial of the last number is needed, turn the 'Talk/Standby' mode switch to 'Standby' and then 'Talk' position to access a dial tone. Push the redial button (#) once, the memory in the handset will automatically redial the last number called (up to 16 digits).

(22) Slot for Belt Clip/
& Removable Belt Clip
(23) The stainless steel removable belt clip can be removed or attached for carrying the handset.

(24) Data Plate
The data plate records information of your system.

(25) Charge Contact Plate
Do not temper the contact plates with foreign material.

INSTALLATION

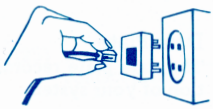
The ZETA cordless phone comes in two pieces, the handset and the base unit. No special tooling is needed for installation, only a simple plug-in procedure is needed.

I) Plug the AC power cord of the base unit into your AC supply, the 'Power On' indicator of the base unit will light up, confirming the proper power supply.
Check the label on end of the AC power cord, make sure it is of same voltage as your power supply (120V AC or 230V AC).

II) Connect the telephone line cable to your telephone line outlet.

a. Insert the modular plug into the modular wall jack which is provided by your telephone company.

b. If your telephone line outlet is of a four-prong type, use a '4-prong/modular' adaptor which is available at your telephone shop.



c. If your current telephone is 'hard wired' with no wall jack, contact your telephone company and they will install the wall jack and necessary wiring at a one time charge.

III) Fully extend the telescopic antenna and you are ready to use the telephone once the handset batteries is charged-up.

Special Installation

ZETA cordless phone is using the AC outlet to transmit one part of the conversation. In locations where the wiring of electric outlets is sealed inside metal conduit, the operation range may be reduced. This can be remedied by using an extended cable between the base and the AC outlet. However, this is unusual. It is normally not needed unless found necessary.

RECHARGING THE HANDSET

The handset is equipped with Ni-Cad (Nickel – Cadmium) rechargeable batteries pack.
UPON PURCHASE, IT HAS TO BE CHARGED FOR 8 TO 10 HOURS BEFORE OPERATION.
You will find that the battery level drops within hours when the fresh battery pack is put to the first three times of charge. This is normal and a characteristic of Ni-Cad battery. After 3 to 5 recharges, your battery pack will be brought to full power. Every recharge will then give you about 5 hours of continuous talking.

Caution: Switch to stand by position when recharge.

OPERATION INSTRUCTION

ZETA cordless phone is designed for easy operation.
When the base unit is properly installed and handset batteries fully charged, you are ready to enjoy the convenience of cordless phone calling by:

1. Fully extend the base unit antenna.
2. Place the power ON/OFF switch of handset to 'ON' position.
3. Place the 'Standby/Talk' switch of handset to 'Standby' position.

To Answer an Incoming Call

When a call is received, the handset will emit an audible tone.

1. Extend the handset antenna fully..
2. Place the 'Talk/Standby' switch to 'Talk'.
3. Talk and listen freely like a regular telephone handset.
4. When a call is ended, switch the 'Standby/Talk' switch to 'Standby' and you are ready to receive next call. You may also want to lower the handset antenna at this time.

To Place an Outgoing Call

1. Fully extend the handset antenna.
2. Place the 'Standby/Talk' switch to 'Talk' position.
3. Wait for a dial tone and dial the desired number by pushing the proper keys. A key-entry pacifier tone can be heard for every key entry.
4. To redial the last number called, set the 'Standby/Talk' switch to 'Standby' and back to 'Talk'. Wait for a dial tone and push the redial key (#) once.
5. When the call is ended, switch the 'Standby/Talk' switch to 'Standby' and you are ready to receive or place the next call.

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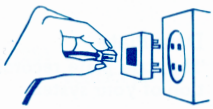

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5. When the call is ended, switch the 'Standby/Talk' switch to 'Standby' and you are ready to receive or place the next call.

NOTE: When you are bringing the handset to a distance from the base unit, you can check if you are still within the system's operating range. Without extending the handset antenna, switch the 'Standby/Talk' switch to 'Talk' position, if you can hear a dial tone, you are within range. If you cannot get a dial tone, you may have exceeded the range of the unit.

Remember to put the 'Standby/Talk' switch back to 'Standby' position after this checking.

INFORMATION ABOUT CORDLESS TELEPHONE

Your cordless telephone has unique characteristics. A cordless phone uses radio frequencies to allow you the convenience of mobility. There are certain characteristics involved with using radio frequencies which differ from using wires. Every engineering technique has been used to make the operation of your cordless telephone the same as your regular phone. There are, however, certain conditions which can prevail. While they are normal they could possibly affect operation of your system–

1. NOISE

   Electrical pulse noise is present in most homes at one time or another. They are most intent during electrical storms. Certain types of electrical equipment such as light dimmers, flourescent bulbs, motors, fans, etc., can also generate these noise pulses. Because of the nature of radio frequency susceptibility to these noise, on occasion you may hear these noises in your handset. They generally are a minor annoyance. They are normal, and should not be interpreted as a defective operation of your system.

2. RANGE

   Because radio frequency operation is used, the range can vary from location to location. Location of the base unit can affect operation and range. You can test the range prior to having a phone jack installed. Try several locations in your home. You may increase the useable range by using different AC outlets within your home or business. Pick the location that gives you the clearest signal at locations you desire.

   Rotating the handset itself can also increase range.

3. INTERFERENCE

Electronic circuits operate in the radio frequency spectrum. While several screening circuits have been used to prevent unwanted signals, there may be periods when these unwanted signals may enter the transponder. You may experience clicks or hear the relay activate on your regular phone when the cordless handset is taken out. If this occurs frequently, it usually can be minimized or eliminated by lowering the height of your base unit antenna or relocating the base unit to another location in your house. You can check for this before selecting your final base unit locations by plugging it in.

No two base unit systems should be operated within 500 feet of each other. Harmful interference could occur to your unit or could produce improper activation of your system. This potential condition can be reduced by lowering your base unit antenna – thereby reducing range. Another method would be to change the channel of your system. This can be done through your dealer. A cost estimate for this service will be made upon request.

Manufactured by:
S. MEGGA TELECOMMUNICATIONS LIMITED
Hong Kong
Telex: 36251 MEGGA HX

PART NO. MIM-5100009-A-00